

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant

Complete if Known

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie, et al.
Group Art Unit	2731
Examiner Name	Not Yet Assigned

Sheet 1 of 10

Attorney Docket Number

CIS-044

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Figures Appear
		Number	Kind Code2 (if known)			
BAP		Re. 33,900		Howson	04/28/92	
		4,131,767		Weinstein	12/26/78	
		4,161,719		Parikh, et al.	07/17/79	
		4,316,284		Howson	02/16/82	
		4,397,020		Howson	08/02/83	
		4,419,728		Larson	12/06/83	
		4,424,565		Larson	01/03/84	
		4,437,087		Petr	03/13/84	
		4,438,511		Baran	03/20/84	
		4,439,763		Limb	03/27/84	
		4,445,213		Baugh, et al.	04/24/84	
		4,446,555		Devault, et al.	05/01/84	
		4,456,957		Schieltz	06/26/84	
		4,464,658		Thelen	08/07/84	
		4,499,576		Fraser	02/12/85	
		4,506,358		Montgomery	03/19/85	
		4,507,760		Fraser	03/26/85	
		4,532,626		Flores, et al.	07/30/85	
		4,644,532		George, et al.	02/17/87	
		4,646,287		Larson, et al.	02/24/87	

FOREIGN PATENT DOCUMENTS

[illegible]

6129101

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

12/03/99

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	10
-------	---	----	----

Application Number	09/106,519
---------------------------	------------

Filing Date	June 29, 1998
--------------------	---------------

First Named Inventor	Keith McCloghrie
----------------------	------------------

Group Art Unit	2731
----------------	------

Examiner Name	Not Yet Assigned
---------------	------------------

Attorney Docket Number	CIS-044
------------------------	---------

RECEIVED

DEC 06 1999

Group 2700

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAW		4,677,423		Benvenuto, et al.	06/30/87	
		4,679,189		Olson, et al.	07/07/87	
		4,679,227		Hughes-Hartogs	07/07/87	
		4,723,267		Jones, et al.	02/02/88	
		4,731,816		Hughes-Hartogs	03/15/88	
		4,750,136		Arpin, et al.	06/07/88	
		4,757,495		Decker, et al.	07/12/88	
		4,763,191		Gordon, et al.	08/09/88	
		4,769,810		Eckberg, Jr., et al.	09/06/88	
		4,769,811		Eckberg, Jr., et al.	09/06/88	
		4,771,425		Baran, et al.	09/13/88	
		4,819,228		Baran, et al.	04/04/89	
		4,827,411		Arrowood, et al.	05/02/89	
		4,833,706		Hughes-Hartogs	05/23/89	
		4,835,737		Herrig, et al.	05/30/89	
		4,879,551		Georgiou, et al.	11/07/89	
		4,893,306		Chao, et al.	01/09/90	
		4,903,261		Baran, et al.	02/20/90	
		4,922,486		Lidinsky, et al.	05/01/90	
		4,933,937		Konishi	06/12/90	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Bds A. Pmr

Date	
Considered	

6/29/81

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

12/03/99

Complete if Known

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	of	10
-------	---	----	----

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie
Group Art Unit	2731
Examiner Name	Not Yet Assigned
Attorney Docket Number	CIS-044

RECEIVED
et al.
DEC 06 1999
Group 2700

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code2 (if known)			
BRP		4,960,310		Cushing	10/02/90	
		4,962,497		Ferenc, et al.	10/09/90	
		4,962,532		Kasirai, et al.	10/09/90	
		4,965,772		Daniel, et al.	10/23/90	
		4,970,678		Sladowski, et al.	11/13/90	
		4,980,897		Decker, et al.	12/25/90	
		4,991,169		Davis, et al.	02/05/91	
		5,003,595		Collins, et al.	03/26/91	
		5,014,265		Hahne, et al.	05/07/91	
		5,020,058		Holden, et al.	05/28/91	
		5,033,076		Jones, et al.	07/16/91	
		5,054,034		Hughes-Hartogs	10/01/91	
		5,059,925		Weisbloom	10/22/91	
		5,072,449		Enns, et al.	12//10/91	
		5,088,032		Bosack	02/11/92	
		5,095,480		Fenner	03/10/92	
		5,115,431		Williams, et al.	05/19/92	
		5,128,945		Enns, et al.	07/07/92	
		5,136,580		Videlock, et al.	08/04/92	
		5,166,930		Braff, et al.	11/24/92	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Bus A Pm

Date
Considered

6/29/81

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Complete if Known

(use as many sheets as necessary)

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie, et al
Group Art Unit	2731
Examiner Name	Not Yet Assigned
Attorney Docket Number	CIS-044

RECEIVED

DEC 06 1999

Group 2700

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Bar		5,199,049		Wilson	03/30/93	
		5,206,886		Bingham	04/27/93	
		5,212,686		Joy, et al.	05/18/93	
		5,224,099		Corbalis, et al.	06/29/93	
		5,226,120		Brown, et al.	07/06/93	
		5,228,062		Bingham	07/13/93	
		5,229,994		Balzano, et al.	07/20/93	
		5,237,564		Lespagnol, et al.	08/17/93	
		5,241,682		Bryant, et al.	08/31/93	
		5,243,342		Kattemalalavadi, et al.	09/07/93	
		5,243,596		Port, et al.	09/07/93	
		5,247,516		Bernstein, et al.	09/21/93	
		5,249,178		Kurano, et al.	09/28/93	
		5,253,251		Aramaki	10/12/93	
		5,255,291		Holden, et al.	10/19/93	
		5,260,933		Rouse	11/09/93	
		5,260,978		Fleischer, et al.	11/09/93	
		5,268,592		Bellamy, et al.	12/07/93	
		5,268,900		Hluchyj, et al.	12/07/93	
✓		5,271,004		Proctor, et al.	12/14/93	

[illegible]

6/29/01

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box

Jc610 U.S. PTO

PTO/SB/08A (10-96)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to this collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		12/03/99		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/106,519
				Filing Date	June 29, 1998
				First Named Inventor	Keith McCloghrie, et al.
				Group Art Unit	2731
				Examiner Name	Not Yet Assigned
Sheet	5	of	10	Attorney Docket Number	CIS-044

RECEIVED
DEC 06 1999

U.S. PATENT DOCUMENTS						Group 2700
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAP		5,274,631		Bhardwaj	12/28/93	
		5,274,635		Rahman, et al.	12/28/93	
		5,274,643		Fisk	12/28/93	
		5,280,470		Buhrke, et al.	01/18/94	
		5,280,480		Pitt, et al.	01/18/94	
		5,280,500		Mazzola, et al.	01/18/94	
		5,283,783		Nguyen, et al.	02/01/94	
		5,287,103		Kasprzyk, et al.	02/15/94	
		5,287,453		Roberts	02/15/94	
		5,291,482		McHarg, et al.	03/01/94	
		5,305,311		Lyles	04/19/94	
		5,307,343		Bostica, et al.	04/26/94	
		5,311,509		Heddes, et al.	05/10/94	
		5,313,454		Bustini, et al.	05/17/94	
		5,313,582		Hendel, et al.	05/17/94	
		5,317,562		Nardin, et al.	05/31/94	
		5,319,644		Liang	06/07/94	
		5,327,421		Hiller, et al.	07/05/94	
		5,331,637		Francis, et al.	07/19/94	
		5,345,445		Hiller, et al.	09/06/94	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
				</				

Examiner Signature	Bu A Pm	Date Considered	6/29/01
-----------------------	---------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

12/03/99

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	6	of	10
-------	---	----	----

Application Number	09/106,519
---------------------------	------------

Filing Date	June 29, 1998
--------------------	---------------

First Named Inventor	Keith McCloghrie, et al.
----------------------	--------------------------

Group Art Unit	2731
----------------	------

Examiner Name	Not Yet Assigned
---------------	------------------

Attorney Docket Number	CIS-044
------------------------	---------

RECEIVED

DEC 06 1990

Group 2700

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAP		5,345,446		Hiller, et al.	09/06/94	
		5,359,592		Corbalis, et al.	10/25/94	
		5,361,250		Nguyen, et al	11/01/94	
		5,361,256		Doeringer, et al.	11/01/94	
		5,361,259		Hunt, et al.	11/01/94	
		5,365,524		Hiller, et al.	11/15/94	
		5,367,517		Cidon, et al.	11/22/94	
		5,371,852		Attanasio, et al.	12/06/94	
		5,386,567		Lien, et al.	01/31/95	
		5,390,170		Sawant, et al.	02/14/95	
		5,390,175		Hiller, et al.	02/14/95	
		5,394,394		Crowther, et al.	02/28/95	
		5,394,402		Ross	02/28/95	
		5,400,325		Chatwani, et al.	03/21/95	
		5,408,469		Opher, et al.	04/18/95	
		5,416,842		Aziz	05/16/95	
		5,422,880		Heitkamp, et al.	06/06/95	
		5,422,882		Hiller, et al.	06/06/95	
		5,423,002		Hart	06/06/95	
		5,426,636		Hiller, et al.	06/20/95	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Bd A. Pm

Date
Considered

6/29/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Complete if Known

(use as many sheets as necessary)

Sheet 7 of 10

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghri
Group Art Unit	2731
Examiner Name	Not Yet Assigned
Attorney Docket Number	CIS-044

RECEIVED
DEC 06 1999

U.S. PATENT DOCUMENTS

~~Group 2700~~

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAR		5,428,607		Hiller, et al.	06/27/95	
		5,430,715		Corbalis, et al.	07/04/95	
		5,442,457		Najafi	08/15/95	
		5,442,630		Gagliardi, et al.	08/15/95	
		5,452,297		Hiller, et al.	09/19/95	
		5,473,599		Li, et al.	12/05/95	
		5,473,607		Hausman, et al.	12/05/95	
		5,485,455		Dobbins, et al.	01/16/96	
		5,490,258		Fenner	02/06/96	
		5,491,687		Christensen, et al.	02/13/96	
		5,491,804		Heath, et al.	02/13/96	
		5,509,006		Wilford, et al.	04/16/96	
		5,519,704		Farinacci, et al.	05/21/96	
		5,526,489		Nilakantan, et al.	06/11/96	
		5,530,963		Moore, et al.	06/25/96	
		5,535,195		Lee	07/09/96	
		5,555,244		Gupta, et al.	09/10/96	
		5,561,669		Lenney, et al.	10/01/96	
		5,583,862		Callon	12/20/96	
		5,592,470		Rudrapatna, et al.	01/07/97	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature


Bus A. Phu

Date
Considered

6/25/01

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box 

1c610 U.S. PTO

PTO/SB/08A (10-96)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **8** of **10**

Complete if Known

Application Number 09/106,519
Filing Date June 29, 1998
First Named Inventor Keith McCloghrie, et al.
Group Art Unit 2731
Examiner Name Not Yet Assigned
Attorney Docket Number CIS-044

RECEIVED

DEC 06 1999

Group 2700

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAC		5,598,581		Daines, et al.	01/28/97	
		5,604,868		Komine, et al.	02/18/97	
		5,617,417		Sathe, et al.	04/01/97	
		5,617,421		Chin, et al.	04/01/97	
		5,630,125		Zellweger	05/13/97	
		5,632,021		Jennings, et al.	05/20/97	
		5,634,010		Ciscon, et al.	05/27/97	
		5,638,359		Peltola, et al.	06/10/97	
		5,644,718		Belove, et al.	07/01/97	
		5,659,684		Giovannoni, et al.	08/19/97	
		5,666,353		Klausmeier, et al.	09/09/97	
		5,673,265		Gupta, et al.	09/30/97	
		5,678,006		Valizadeh, et al.	10/14/97	
		5,684,797		Aznar, et al.	11/04/97	
		5,689,506		Chiussi, et al.	11/18/97	
		5,694,390		Yamato, et al.	12/21/97	
		5,748,186		Raman	05/05/98	
		5,748,617		McLain, Jr.	05/05/98	
		5,608,726		Virgile	03/04/97	
		5,517,494		Green	05/14/96	

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			WO93/07569		Harriman, et al.	04/15/93		
			WO93/07692		Harriman	04/15/93		
			WO94/01828		Bialkowski, et al.	01/20/94		
			WO95/20850		Dobbins, et al.	08/03/95		
			0 384 758 A2		Katsube	08/29/90		
			0 431 751 A1		Carter, et al.	06/12/91		
			0 567 217 A2		Hart	10/27/93		

Examiner
Signature

BAC A. Pm

Date
Considered

6/29/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

12/03/99

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 10

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie, et al.
Group Art Unit	2731
Examiner Name	Not Yet Assigned
Attorney Docket Number	CIS-044

RECEIVED

DEC 06 1999

U.S. PATENT DOCUMENTS

Group 2700

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BAP		5,504,747		Sweasey	04/02/96	
		5,497,368		Reijnierse, et al.	03/05/96	
		5,539,734		Burwell, et al.	07/23/96	
		5,208,811		Kashio, et al.	05/04/93	
		5,490,140		Abensour, et al.	02/06/96	
		5,600,798		Cherukuri, et al.	02/04/97	
		5,835,710		Nagami, et al.	11/10/98	
		5,631,908		Saxe	05/20/97	
		5,477,541		White, et al.	12/19/95	
		5,687,324		Green et al.	11/11/97	
		5,724,351		Chao, et al.	03/03/98	
		5,754,547		Nakazawa	05/19/98	
		5,854,903		Morrison, et al.	12/29/98	
		5,898,686		Virgile	04/27/99	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

BAP A. Pm

Date
Considered

6/29/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **10** of **10****Complete if Known**

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie, et al.
Group Art Unit	2731
Examiner Name	Not Yet Assigned
Attorney Docket Number	CIS-044

RECEIVED**DEC 06 1999****Group 2700****OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Bn copies supply to mail ✓		Allen, M., "Novell IPX Over Various WAN Media (IPXW AN)," Network Working Group, RFC 1551, December 1993, pp. 1-22.	
		Becker, D., "3c589.c: A 3c589 EtherLink3 ethernet driver for linux," becker@CESDIS.gsfc.nasa.gov, May 3, 1994, pp. 1-13.	
		Chowdhury, et al., "Alternative Bandwidth Allocation Algorithms for Packet Video in ATM Networks," INFOCOM 1992, PP. 1061-1068.	
		Doeringer, W., "Routing on Longest-Matching Prefixes," IEEE/ACM Transactions in Networking, Vol. 4, No. 1, February 1996, pp. 86-97.	
		Esaki, et al., "Datagram Delivery in an ATM-Internet," 2334b IEICE Transactions on Communications, March 1994, No. 3, Tokyo, Japan.	
		IBM Corporation, "Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Signals," IBM Technical Disclosure Bulletin, No. 6, November 1992, pp.409-411.	
		Pei, et al., "Putting Routing Tables in Silicon," IEEE Network Magazine, January 1992, pp. 42-50.	
		Perkins, D., "Requirements for an Internet Standard Point-to-Point Protocol," Network Working Group, RFC 1547, December 1993, pp. 1-19.	
		Simpson, W., "The Point-to-Point Protocol (PPP)," Network Working Group, RFC 1548, December 1993, pp. 1-53.	
		Tsuchiya, P.F., "A Search Algorithm for Table Entries with Non-Contiguous Wildcarding," Abstract, Bellcore.	
		Zhang, et al., "Rate-Controlled Static-Priority Queueing," INFOCOM 1993, pp. 227-236.	

Examiner
Signature

Bn A. Pm

Date

Considered

6/29/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

Application Number	09/106,519
Filing Date	June 29, 1998
First Named Inventor	Keith McCloghrie et al
Group Art Unit	2731
Examiner Name	Not Assigned
Attorney Docket Number	CIS-044

[illegible]

Examiner Signature Bd A Pm

Date Considered	6/29/01
-----------------	---------

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/106,519
				Filing Date	June 29, 1998
				First Named Inventor	Keith McCloghrie et al
				Group Art Unit	2731
				Examiner Name	Not Assigned
				Attorney Docket Number	CIS-044
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature	Bds A. Pm	Date Considered	6/29/01
-----------------------	-----------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

SERIAL NO 09/106,519

FILING DATE June 29, 1998

GROUP	2731
-------	------

2661

~~RECEIVED~~

~~DEC~~ 16 1999

Group 2700

[illegible][illegible][illegible]